

PTO/SB/08a/b (08-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	09/852,966	
			Filing Date	May 10, 2001	
			First Named Inventor	Kaddurah-Daouk, Rima	
			Art Unit	1614	
			Examiner Name	V.Y. Kim	
Sheet	1	of	1	Attorney Docket Number	AVZ-020CNRCE

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>[initials]</i>	F1	5,702,688	12-30-1997	Yu, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
<i>[initials]</i>	F2	WO 95/26182 A1	10-05-1995	Beiersdorf AG		
<i>[initials]</i>	F3	WO 97/12591 A1	04-10-1997	Beiersdorf AG		
<i>[initials]</i>	F4	WO 97/42960 A1	11-20-1997	Avon Products Inc.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>[Signature]</i>	Date Considered	12/20/04
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APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO AVZ-020CN APPLICANT Kaddurah-Da uk, Rima FILING DATE May 10, 2001	SERIAL NO. 09/852966 GROUP 1614
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LIST OF PUBLICATIONS CITED BY APPLICANT
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
✓	A1	3,989,816	11/76	Rajadhyaksha	424	60	
	A2	4,017,641	04/77	DiGiulio	424	365	
	A3	4,130,667	12/78	Smith	424	361	
	A4	4,254,105	03/81	Fukuda	424	170	
	A5	4,537,776	08/85	Cooper	514	424	
	A6	4,552,872	11/85	Cooper et al.	514	175	
	A7	4,557,934	12/85	Cooper	424	128	
	A8	4,599,379	07/86	Flesher et al.	524	801	
	A9	4,628,078	12/86	Glover et al.	526	303.1	
✓	A10	4,663,157	05/87	Brock	424	59	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
✓	A11	EP 043738	07/81	EPO	_____	_____		
	A12	WO 90/09192	08/90	PCT	_____	_____		
	A13	WO 92/08456	05/92	PCT	_____	_____		
	A14	WO 94/16687	08/94	PCT	_____	_____		
✓	A15	WO 96/14063	05/96	PCT	_____	_____		

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

✓	A16	Ames, B.N. et al. "Oxidants, Antioxidant, and the Degenerative Diseases of Aging" <i>PNAS U.S.A.</i> 90(17):7915-7922 (Sep 1993);
	A17	Bessman, S.P. "The Creatine-Creatine Phosphate Energy Shuttle" <i>Ann. Rev. Biochem.</i> 54:831-862 (1985);
	A18	Cutler, A.J. et al. "Properties of a Microsomal Enzyme System from <i>Linum usitatissimum</i> (Linen Flax) Which Oxidizes Valine to Acetone Cyanohydrin and Isoleucine to 2-Methylbutanone Cyanohydrin" <i>Archives of Biochemistry</i> 238(1):272-279 (1985);
	A19	Davies, J.M.S. et al. "Transient Adaptation of Oxidative Stress in Yeast" <i>Arch. Biochem. Biophys.</i> 317(1):1-6 (Feb 20, 1995);
	A20	Harman, D. "Free Radicals in Aging" <i>Mol. Cell Biochem.</i> 84(2):155-161 (1988);
✓	A21	O'Gorman, E. et al. "The Role of Creatine Kinase in Inhibition of Mitochondrial Permeability Transition" <i>FEBS Letters</i> 414(2):253-257 (1997);
Examiner		Date Considered
		5/19/03
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APPLICANT FACSIMILE OF FORM PTO-1449
REV 7-80

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ATTY DOCKET NO
AVZ-020CN

SERIAL NO.
09/852966

LIST OF PUBLICATIONS CITED BY APPLICANT
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APPLICANT
Kaddurah-Da uk, Rima

FILING DATE
May 10, 2001

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Sheet 2 of 3

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[initials]</i>	B1	4,772,591	09/88	Meisner	514	62	
	B2	4,847,069	07/89	Bissett et al.	424	47	
	B3	4,847,071	07/89	Bissett et al.	424	59	
	B4	4,891,227	01/90	Thaman et al.	424	443	
	B5	4,891,228	01/90	Thaman et al.	424	443	
	B6	4,912,248	03/90	Mueller	560	56	
	B7	4,960,764	10/90	Figueroa, Jr. et al.	514	63	
	B8	5,091,404	02/92	Elgebaly	514	401	
	B9	5,321,030	06/94	Kaddurah-Daouk et al.	514	275	
	B10	5,324,731	06/94	Kaddurah-Daouk et al.	514	275	
	B11	5,674,703	10/97	Woo et al.	435	69.1	
	B12	5,676,978	10/97	Teicher et al.	424	649	
	B13	5,883,128	03/99	Yu et al.	514	557	
<i>[initials]</i>	B14	5,886,041	03/99	Yu et al.	514	557	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>	B15	Sohal, R.S. et al. "Oxidative Stress and Aging in the Mongolian Gerbil (<i>Meriones Unguiculatus</i>)" <i>Mech. Ageing Dev.</i> 81(1):15-25 (1995);
<i>[initials]</i>	B16	Sohal, R.S. and Weindruch, R. "Oxidative Stress, Caloric Restriction, and Aging" <i>Science</i> 273(5271):59-63 (Jul 5, 1996);
<i>[initials]</i>	B17	Stadtman, E.R. "Protein Oxidation and Aging" <i>Science</i> 257(5074):1220-1224 (Aug 28, 1992);
<i>[initials]</i>	B18	Walliman, T. et al. "Intracellular Compartmentation, Structure and Function of Creatine Kinase Isoenzymes in Tissues with High and Fluctuating Energy Demands: the 'Phosphocreatine Circuit' for Cellular Energy Homeostasis" <i>Biochem. J.</i> 281:21-40 (1992);
<i>[initials]</i>	B19	Weindruch, R. "Interventions Based on the Possibility That Oxidative Stress Contributes to Sarcopenia" <i>J. Gerontol., Series A</i> 50A:157-161 (1995);

Examiner <i>[Signature]</i>	Date Considered <i>5/29/03</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Substiute for form 1449A/B/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/852966
				Filing Date	May 10, 2001
				First Named Inventor	Kaddurah-Daouk, Rima
				Art Unit	1614
				Examiner Name	Kim, Vickie Y.
Sheet	1	of	1	Attorney Docket Number	AVZ-020CN

[illegible][illegible]

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Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Examiner Signature	Date Considered	
<i>[Signature]</i>	<i>[Signature]</i>	12/20/04

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Address to:
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Alexandria, VA 22313-1450

<i>Application Number</i>	09/852,966-Conf. #5588
<i>Filing Date</i>	May 10, 2001
<i>First Named Inventor</i>	Rima KADDURAH-DAOUK
<i>Art Unit</i>	1614
<i>Examiner Name</i>	V. Y. Kim
<i>Attorney Docket Number</i>	AVZ-020CNRCE

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).
- a. ☒ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ii. ☒ Other A courtesy copy of the Amendment After Final filed May 17, 2003 is enclosed
- b. ☐ Enclosed
- i. ☐ Amendment/Reply
- iii. ☐ Information Disclosure Statement (IDS)
- ii. ☐ Affidavit(s)/Declaration(s)
- iv. ☐ Other _____
2. **Miscellaneous**
- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- b. ☐ Other _____
3. **Fees** The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 12-0080
- i. ☒ RCE fee required under 37 CFR 1.17(e)
- ii. ☒ Extension of time fee (37 CFR 1.136 and 1.17)
- iii. ☐ Other _____
- b. ☐ Check in the amount of \$ _____ enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print/Type)	Merideth C. Arnold	Registration No. (Attorney/Agent)	52,568
Signature		Date	August 16, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL 981581311 US, in an envelope addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: August 16, 2004

Signature: Merideth C. Arnold (Merideth C. Arnold)